



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
Use several sheets if necessary)

Sheet

1

of

17

**COMPLETE IF KNOWN**

Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	1.	2,579,403		Slomowitz, et al.	12/18/1951	
	2.	2,561,071		Prisk	7/17/1951	
	3.	3,150,977		Hart, et al.	9/29/1964	
	4.	3,689,439		Field, et al.	9/5/1972	
	5.	3,721,657		Seiderman	3/20/1973	
	6.	3,749,755		Bronstart, et al	7/31/1973	
	7.	3,852,228		Brothers	12/3/1974	
	8.	3,957,605		Assarsson, et al.	5/18/1976	
	9.	3,993,551		Assarsson, et al.	11/23/1976	
	10.	3,996,934		Zaffaroni	12/14/1976	
	11.	4,091,090		Sipos	5/23/1978	
	12.	4,093,673		Chang, et al.	6/6/1978	
	13.	4,160,020		Ayer, et al.	7/3/1979	
	14.	4,277,580		Allen, et al.	7/7/1981	
	15.	4,325,851		Colon, et al.	4/20/1982	
	16.	4,346,709		Schmitt, et sl.	8/31/1982	
	17.	4,492,685		Keith, et al.	1/8/85	
	18.	4,529,601		Broberg, et al.	7/16/1985	
	19.	4,557,934		Cooper	12/10/1985	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	DATE CONSIDERED
/Isis Ghali/	12/08/2010

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
(Use several sheets if necessary)

Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

Sheet

2

of

17

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application NUMBER		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Kind Code (if known)	NUMBER			
	20.	4,562,060		Broberg, et al.	12/31/1985	
	21.	4,568,343		Leeper, et al.	2/4/1986	
	22.	4,593,053		Jevne, et al.	6/3/1986	
	23.	4,624,665		Nuwayser	11/25/1986	
	24.	4,699,146		Sieverding	10/13/1987	
	25.	4,713,243		Schiraldi, et al.	12/15/1987	
	26.	4,743,249		Loveland	5/10/1988	
	27.	4,750,482		Sieverding	6/14/1988	
	28.	4,771,105		Shirai, et al.	9/13/1988	
	29.	4,849,224		Chang, et al.	7/18/1989	
	30.	4,863,738		Taskovich	9/5/1989	
	31.	4,863,970		Patel, et al.	9/5/1989	
	32.	4,871,536		Arraudeau, et al.	10/3/1989	
	33.	4,873,299		Nawakowsky, et al.	10/10/1989	
	34.	4,877,628		Stypula	10/31/1989	
	35.	4,906,169		Chien, et al.	3/6/1990	
	36.	4,927,408		Haak, et al.	5/22/1990	
	37.	4,945,084		Packman	7/31/1990	
	38.	4,973,468		Chiang, et al.	11/27/1990	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	DATE CONSIDERED
/Isis Ghali/	12/08/2010

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
(Use several sheets if necessary)

Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

Sheet

3

of

17

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	39.	4,983,395		Chang, et al.	1/8/1991	
	40.	5,023,084		Chien, et al.	6/11/1991	
	41.	5,053,227		Chiang, et al.	10/1/1991	
	42.	5,057,500		Thomfelt	10/15/1991	
	43.	5,073,381		Ivan, et al.	12/17/1991	
	44.	5,102,662		Gallagher	4/7/1992	
	45.	5,125,894		Phipps, et al.	6/30/1992	
	46.	5,133,970		Petererit, et al.	7/28/92	
	47.	5,141,750		Lee, et al.	8/25/1992	
	48.	5,173,302		Holmblad, et al.	12/22/1992	
	49.	5,183,901		Login, et al.	2/2/1993	
	50.	5,196,405		Packman	3/23/1993	
	51.	5,200,190		Azuma, et al.	4/6/1993	
	52.	5,206,385		Login, et al.	4/27/1993	
	53.	5,232,702		Pfister, et al.	8/3/1993	
	54.	5,234,690		Chiang, et al.	8/10/1993	
	55.	5,234,957		Mantelle	8/10/1993	
	56.	5,240,995		Gyory, et al.	8/31/1993	
	57.	5,224,928		Sibalis, et al.	7/6/1993	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	DATE CONSIDERED
/Isis Ghali/	12/08/2010

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Form PTO-1449 (Modified)  
(Use several sheets if necessary)

<b>COMPLETE IF KNOWN</b>	
Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

Sheet

4

of

17

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document
		NUMBER	Kind Code (if known)		
	58.	5,254,346		Tucker, et al.	10/19/1994
	59.	5,270,358		Asmus	12/14/1993
	60.	5,276,079		Duan, et al.	1/14/1994
	61.	5,296,512		Beier, et al.	3/22/94
	62.	5,300,291		Sabotsky, et al.	4/5/1991
	63.	5,322,689		Hughes, et al.	6/21/1994
	64.	5,332,576		Mantelle	7/26/1994
	65.	5,342,623		Enscore, et al.	8/30/1994
	66.	5,344,394		Gyory, et al.	9/6/1994
	67.	5,354,823		Tseng, et al.	10/11/1994
	68.	5,376,377		Gale, et al.	12/27/1994
	69.	5,422,119		Casper	6/6/1995
	70.	5,446,070		Mantelle	8/29/1995
	71.	5,462,743		Turner, et al.	10/31/1995
	72.	5,462,745		Enscore, et al.	10/31/1995
	73.	5,492,943		Stempel	2/20/1996
	74.	5,508,024		Tranner	4/16/1996
	75.	5,508,367		Zajaczkowski	4/16/1996
	76.	5,543,148		Lapidus	8/6/1996

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	DATE CONSIDERED
/Isis Ghali/	12/08/2010

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

Receipt date: 08/30/2010

10661103 - GAU: 1611

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
(Use several sheets if necessary)

<b>COMPLETE IF KNOWN</b>	
Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

Sheet

5

of

17

<b>U.S. PATENT DOCUMENTS</b>				
Examiner Initials*	Cite No.	U.S. Patent or Application	Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document
		NUMBER		
	78.	5,563,153	Mueller, et al.	10/8/1996
	78.	5,593,686	Kissel, et al.	1/14/1997
	79.	5,614,178	Bloon, et al.	3/25/1997
	80.	5,631,267	Gleich, et al.	5/20/1997
	81.	5,633,010	Chen	5/27/1997
	82.	5,641,504	Lee, et al.	6/24/1997
	83.	5,641,507	DeVillez	6/24/1997
	84.	5,645,062	Anderson, et al.	7/8/1997
	85.	5,645,855	Lorenz	7/8/1997
	86.	5,656,286	Miranda, et al.	8/12/1997
	87.	5,660,178	Kantner, et al.	8/26/1997
	88.	5,674,561	Dietz, et al.	10/7/1997
	89.	5,682,925	Ebert, et al.	9/2/1997
	90.	5,683,010	Stocchiero	9/2/1997
	91.	5,700,478	Biegajski, et al.	12/23/1997
	92.	5,718,886	Pellico	2/17/98
	93.	5,723,145	Shikinami, et al.	3/3/1998
	94.	5,725,876	Mantelle, et al.	3/10/1998
	95.	5,726,250	Zajaczkowski	3/10/1998

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	DATE CONSIDERED
/Isis Ghali/	12/08/2010

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
(Use several sheets if necessary)

Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

Sheet

6

of

17

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	U.S. Patent or Application NUMBER		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Kind Code (if known)				
	96.	5,730,999		Lehmann, et al.	3/24/1998	
	97.	6,783,769		Arth, et al.	8/31/2004	
	98.	5,744,155		Freidman, et al.	4/28/1998	
	99.	5,762,956		Chien	6/9/1998	
	100.	5,770,220		Meconi, et al.	6/23/1998	
	101.	5,773,490		Shikinami, et al.	6/30/1998	
	102.	5,780,050		Jain, et al.	7/14/1997	
	103.	5,785,976		Westesen, et al.	7/28/1998	
	104.	5,788,983		Chien, et al.	8/4/1998	
	105.	5,804,611		Takoh, et al.	9/9/1998	
	106.	5,827,525		Liao, et al.	10/27/1998	
	107.	5,830,932		Kay	11/3/1998	
	108.	5,837,713		Gliech, et al.	11/17/1998	
	109.	5,846,558		Nielsen, et al.	12/8/1998	
	110.	5,851,549		Svec	12/22/1998	
	111.	5,853,755		Foldvari	12/29/1998	
	112.	5,858,410		Muller, et al.	1/12/1999	
	113.	5,863,662		Hornby, et al.	1/26/1999	
	114.	5,876,746		Jona, et al.	3/2/1999	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	/isis Ghali/	DATE CONSIDERED	12/08/2010
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).			

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
(Use several sheets if necessary)

<b>COMPLETE IF KNOWN</b>	
Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

Sheet

7

of

17

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	116.	5,900,249		Smith	5/4/1999	
	116.	5,902,598		Chen, et al.	5/11/1999	
	117.	5,911,980		Samour, et al.	6/15/1999	
	118.	5,912,271		Brodine, et al.	6/15/1999	
	119.	5,916,587		Min, et al.	1/29/1999	
	120.	5,942,543		Ernst	8/24/1999	
	121.	5,945,032		Breitenbach, et al.	8/31/1999	
	122.	5,948,416		Wagner, et al.	9/7/1999	
	123.	5,948,430		Zerbe, et al.	9/7/1999	
	124.	5,948,433		Burton, et al.	9/7/1999	
	125.	5,958,379		Regenold, et al.	9/28/1999	
	126.	5,958,446		Miranda, et al.	9/28/1999	
	127.	5,962,011		DeVillez	10/5/1999	
	128.	5,972,377		Jona, et al.	10/26/1999	
	129.	5,976,565		Fotinos	11/2/1999	
	130.	5,985,311		Cordes, et al.	11/16/1999	
	131.	5,985,860		Toppo	11/16/1999	
	132.	5,985,990		Kantner, et al.	11/16/1999	
	133.	5,989,569		Dirksing, et al.	11/23/1999	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	DATE CONSIDERED
/Isis Ghali/	12/08/2010

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Form PTO-1449 (Modified)  
(Use several sheets if necessary)

Sheet	8	of	17	Attorney Docket No.	68009-8008.US03 (0008.22)
-------	---	----	----	---------------------	---------------------------

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	134.	5,990,179		Gyori, et al.	11/23/1999	
	135.	5,993,836		Castillo	11/30/1999	
	136.	5,993,849		Assmus, et al.	11/30/1999	
	137.	5,997,886		Peffly, et al.	12/7/1999	
	138.	6,004,566		Freidman, et al.	12/21/1999	
	139.	6,004,578		Lee, et al.	12/21/1999	
	140.	6,007,837		Enscore, et al.	12/28/1999	
	141.	6,024,976		Miranda, et al.	2/15/2000	
	142.	6,045,811		Dirksing, et al.	4/4/2000	
	143.	6,051,609		Miranda, et al.	4/18/2000	
	144.	6,063,399		Assmus, et al.	5/16/2000	
	145.	6,068,650		Hofmann, et al.	5/30/2000	
	146.	6,075,626		Mizutani, et al.	6/13/2000	
	147.	6,093,328		Santina	7/25/2000	
	148.	6,096,328		Sageletal	8/1/2000	
	149.	6,135,126		Joshi	10/24/2000	
	150.	6,142,939		Eppstein, et al.	11/7/2000	
	151.	6,153,215		Samuelson, et al.	11/28/2000	
	152.	6,162,456		Dunbar, et al.	12/19/2000	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	DATE CONSIDERED
/Isis Ghali/	12/08/2010

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Form PTO-1449 (Modified)  
(Use several sheets if necessary)

<b>COMPLETE IF KNOWN</b>	
Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

Sheet

9

of

17

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	153.	6,165,499		Kleinsorgen, et al.	12/26/2000	
	154.	6,193,993		Musashi, et al.	2/27/2001	
	155.	6,221,383		Miranda, et al.	4/24/2001	
	156.	6,231,885		Carrarra	5/15/2001	
	157.	6,248,363		Patel, et al.	6/19/2001	
	158.	6,264,981		Zhang, et al.	7/24/2001	
	159.	6,275,728		Venkatraman, et al.	8/14/2001	
	160.	6,312,670		Montgomery	11/6/01	
	161.	6,316,022		Mantelle, et al.	11/13/2001	
	162.	6,329,472		Kim, et al.	12/11/2001	
	163.	6,419,905		Alvarez	7/16/02	
	164.	6,451,240		Sherman, et al.	9/17/2002	
	165.	6,451,777		Bradbury, et al.	9/17/2002	
	166.	6,461,636		Arth, et al.	10/8/2002	
	167.	6,488,913		Orlowski, et al.	12/3/2002	
	168.	6,517,350		Diasti, et al.	2/11/03	
	169.	6,552,147		Parker, et al.	4/22/2003	
	170.	6,558,654		McLaughlin	5/6/03	
	171.	6,576,712		Feldstein, et al.	6/10/2003	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	DATE CONSIDERED
/Isis Ghali/	12/08/2010
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	

Receipt date: 08/30/2010

10661103 - GAU. 1611  
COMPLETE IF KNOWN

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
(Use several sheets if necessary)

Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali

Sheet	10	of	17	Attorney Docket No.	68009-8008.US03 (0008.22)
-------	----	----	----	---------------------	---------------------------

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	172.	6,591,124		Sherman, et al.	7/8/2003	
	173.	6,596,298		Leung, et al.	7/22/2003	
	174.	6,611,706		Avrahami, et al.	8/26/2003	
	175.	2001/0006677		McGinty, et al.	7/5/2001	
	176.	2001/0021374		Montgomery	9/13/2001	
	177.	2001/0046471		Marek, et al.	11/29/2001	
	178.	2002/0048602		Flore, et al.	4/25/2002	
	179.	2002/0076487		Zajac	6/20/2002	
	180.	2002/0106335		Orlowski, et al.	8/8/2002	
	181.	2002/0131990		Barkalow, et al.	9/19/2002	
	182.	2002/0197284		Luo, et al.	12/26/2002	
	183.	2003/0055190		Parker, et al.	3/20/2003	
	184.	2003/0100654		Cheang, et al.	5/29/2003	
	185.	2003/0103427		Cleary, et al.	6/5/2003	
	186.	2003/0152615		Houze, et al.	8/14/2003	
	187.	2003/0170308		Cleary, et al.	9/11/2003	
	188.	10/661,103		Singh, et al.	9/12/03	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	/Isis Ghali/	DATE CONSIDERED	12/08/2010
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).			

ATL\_IMANAGE-7043529.1

/Isis Ghali/

Receipt date: 08/30/2010

10661103 - GAU: 1611  
COMPLETE IF KNOWN

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
(Use several sheets if necessary)

Sheet

11

of

17

Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent or Application		Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER				
	189.	CA	2520986	Warner Lambert Co.	4/6/200		
	190.	DE	4219368	Lohman GMBH & Co. KG	6/12/1992		
	191.	DE	8509793	Allpack Industrielle Lohnverpackung GMBH & Co KG	5/15/1985		
	192.	EP	0184470	Medtronic Inc.	6/11/1986		
	193.	EP	0303445	Fordonal SA	2/15/1989		
	194.	EP	0364211	Sekisui Chemical Co. Ltd.	4/18/1990		
	195.	EP	0371421	Goodrich Co. B F	6/6/1990		
	196.	EP	0511782	Perio Products Ltd.	11/4/1992		
	197.	EP	0545594	Colgate Palmolive Co.			
	198.	EP	0581581	Johnson & Johnson Consumer Inc.	2/2/1994		
	199.	EP	0672094	Minnesota Mining & Manufacturing	9/20/1995		
	200.	EP	0737477	Akzo Nobel N.V.	10/16/1996		
	201.	EP	0838225	Vitacain Pharmaceutical Co., Ltd.	4/29/1998		
	202.	EP	0848960	Roehm GBH	6/24/1998		
	203.	GB	1108837	Astra Pharma. Prod.	4/3/1968		
	204.	JP	03-066612	Sato Pharm., Co., Ltd.	3/22/1991		
	205.	JP	03-275619	Nissui Seiyaku Co.	6/12/1991		
	206.	JP	04-266818	Sekisuki Chemical Co., Ltd.	9/22/1992		

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	/Isis Ghali/	DATE CONSIDERED	12/08/2010
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).			

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
(Use several sheets if necessary)

COMPLETE IF KNOWN	
Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

Sheet

12

of

17

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent or Application		Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER				
	207.	JP	06-100467	Johnson & Johnson Consumer Inc.	4/12/1994		
	208.	JP	58-162681	Vallylab, Inc.	9/27/1983		
	209.	JP	59-196817	Sekisui Chemical Co., Ltd.	11/8/1984		
	210.	JP	2002-029949	Lion Corp.	1/29/2002		
	211.	SU	1459215 with English Translation	Vsesoyuznyj Nii Biotechnologii	11/20/1995		
	212.	PCT	WO 89/003859 with English Translation	Vsesojuzny Nauchno-Issledovatel'sky Institut Biotek	5/5/1989		
	213.	PCT	WO 93/002717	Smith & Nephew PLC Richardson	2/18/1993		
	214.	PCT	WO 96/019205	Theratech, Inc.	6/27/1996		
	215.	PCT	WO 97/011676	Montgomery	4/3/1997		
	216.	PCT	WO 98/037870	Cygnus, Inc.	9/3/1998		
	217.	PCT	WO 98/055044	The Procter & Gamble Co.	12/10/1998		
	218.	PCT	WO 99/017738	Lavipharm Lab, Inc.	4/15/1999		
	219.	PCT	WO 99/044678	Spectrix, Inc.	9/10/1999		
	220.	PCT	WO 99/047128	Bristol - Myers Squibb, Co.	9/23/1999		
	221.	PCT	WO 99/054422	Coloplast A/S	10/28/1999		
	222.	PCT	WO 00/016725	Laboratories D'Hygiene et de Dietetique	3/30/2000		
	223.	PCT	WO 00/069421	Schwarz Pharma AG	11/23/2000		

## EXAMINER

/Isis Ghali/

## DATE CONSIDERED

12/08/2010

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

ATL-IMAGINE-70435291

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
(Use several sheets if necessary)

<b>COMPLETE IF KNOWN</b>	
Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

Sheet

13

of

17

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent or Application		Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER				
	224.	PCT	WO 01/026637	LTS Lohmann Therapie-Systeme AG	4/19/2001		
	225.	PCT	WO 01/087276	Samyang Corp.	11/22/2001		
	226.	PCT	WO 02/004570	A.V. Topchiev Institute of Petrochemical Synthesis	1/17/2002		
	227.	PCT	WO 02/087642	A.V. Topchiev Institute of Petrochemical Synthesis	11/7/2002		
	228.	PCT	WO 02/089849	Corium International	11/14/2002		
	229.	PCT	WO 03/089046	Cyto Pulse Sciences, Inc.	10/30/2004		

**OTHER NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T
	230.	AUBIN, ET AL., "Analysis of the glass transition temperature of miscible polymer blends", Macromolecules, Vol. 21, pp. 2945-2949, (1988)	
	231.	BAIRAMOV, ET AL., "Kinetic parameters of poly(N-vinyl pyrrolidone) spontaneous mixing with short-chain poly(ethylene glycol)", Polym. Mater. Sci. Eng., Vol. 82, pp. 7-8, (2000)	
	232.	BORODULINA, ET AL. "Viscoelasticity of Pressure-sensitive adhesive and bioadhesive hydrogels under compressive load", Proceed. 24th Annual Meeting Adhesion Soc., pp. 147-149, (2001)	
	233.	CHALYKH, ET AL., "Effects of composition and hydration on adhesive properties of poly(N-vinyl pyrrolidone)-poly(ethylene glycol) hydrogels", Polym. Mater. Sci. Eng., Vol. 81, pp. 456-457, (1999)	
	234.	CHALYKH, ET AL., "Fracture mechanics of poly(N-vinyl pyrrolidone)-poly(ethylene glycol) hydrogel adhesive joints," Polym. Mater. Sci. Eng., Vol. 81, pp. 427-428, (1999)	
	235.	CHALYKH, ET AL., "Pressure-sensitive adhesion in the blends of poly(N-vinyl pyrrolidone) and poly(ethylene glycol) of disparate chain lengths," J. Adhesion, Vol. 78, pp. 667-694, (2002)	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	DATE CONSIDERED
/sis Ghali/	12/08/2010

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
(Use several sheets if necessary)

<b>COMPLETE IF KNOWN</b>	
Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

Sheet 14 of 17

**OTHER NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T
	236.	CLEARY, ET. AL., "A new polymer blend adhesive with combined properties to adhere to either skin or mucosa for drug delivery, podium abstract, 30th Annual Meeting and Exposition of the Controlled Release Society, Glasgow, Scotland, 19-23 July, 2003, Abstract #123"	
	237.	Database WPI Section Ch, Week 198451, Derwent Publications Ltd., London, GB; Class A96, AN 1984-315114 & JP 59196817 A (Sekisui Chem Ind Co Ltd) 8 November 1984 (1984-11-08) abstract	
	238.	Database WPI Section Ch, Week 199150, Derwent Publications Ltd., London, GB; Class A18, AN 1991-366353 & JP 03247334 A (Sumitomo Rubber Ind Ltd) 5 November 1991 (1991-11-05) abstract	
	239.	Database WPI Section Ch, Week 199118, Derwent Publications Ltd., London, GB; Class A96, AN 1991-128478 & JP 03066612 A (Sato Pharm Co Ltd) 22 March 1991 (1991-03-22) abstract	
	240.	Database WPI Section Ch, Week 199627, Derwent Publications Ltd., London, GB; Class A14, AN 1996-266746 & SU 1459215 A (A Med Cardiology Res Centre) 20 November 1995 (1995-11-20) abstract	
no date	241.	EMLA Cream, (lidocaine 2.5% and prilocaine 2.5%), EMLA Anesthetic Disc, (lidocaine 2.5% and prilocaine 2.5% cream), Topical adhesive system, Detailed description.....	
	242.	FELDSTEIN, ET AL., "A structure - property relationship and quantitative approach to the development of universal transdermal drug delivery system," NBC Risks, Vol. 25, pp. 441-458, (1999)	
	243.	FELDSTEIN, ET AL., "Coherence of thermal transitions in poly(N-vinyl pyrrolidone) - poly(ethylene glycol) compatible blends: 1. Interrelations among the temperatures of melting, maximum cold crystallization rate and glass transition", Polymer, Vol. 41, pp. 5327-5338, (2000)	
	244.	FELDSTEIN, ET AL., "Coherence of thermal transitions in poly(N-vinyl pyrrolidone) - poly(ethylene glycol) compatible blends: 2. The temperature of maximum cold crystallization rate versus glass transition", Polymer, Vol. 41, pp. 5339-5348, (2000)	
	245.	FELDSTEIN, ET AL., "Coherence of thermal transitions in poly(N-vinyl pyrrolidone) - poly(ethylene glycol) compatible blends: 3. Impact of sorbed water upon phase behavior", Polymer, Vol. 41, pp. 5439-5359, (2000)	
	246.	FELDSTEIN, ET AL., "Correlations between activation energy for debonding and that for self-diffusion in pressure-sensitive hydrogels", Proceed. 24th Annual Meeting Adhesion Soc., pp. 137-140, (2001)	
	247.	FELDSTEIN, ET AL., "Contribution of molecular mobility to debonding of pressure-sensitive adhesive hydrogels", Polym. Mater. Sci. Eng., Vol. 81, pp. 467-468, (1999)	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	DATE CONSIDERED
/Isis Ghali/	12/08/2010

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
(Use several sheets if necessary)

Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

Sheet

15

of

17

**OTHER NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	248.	FELDSTEIN, ET AL., "Effect of hydrophilic matrix hydration on transdermal drug delivery kinetics: I. The matrix hydration <i>In Vivo</i> and <i>In Vitro</i> ", Prediction of Percutaneous Penetration, Vol. 4b, pp. 61-64, Brian, et al., (Eds.) (1996)	
	249.	FELDSTEIN, ET AL., "Effect of hydrophilic matrix hydration on transdermal drug delivery kinetics: II. <i>In Vitro</i> cytosine Delivery From Cypercuren TTS", Prediction of Percutaneous Penetration, Vol. 4b, pp.65-67, Brian, et al., (Eds.) (1996)	
	250.	FELDSTEIN, ET AL., "Effect of hydrophilic matrix hydration on transdermal drug delivery kinetics: III. <i>In Vitro</i> clonide delivery from clopercuren TTS", Prediction of Percutaneous Penetration, Vol. 4b, pp. 68-70, Brian, et al., (Eds.) (1996)	
	251.	FELDSTEIN, ET AL., "Effect of hydrophilic matrix hydration on transdermal drug delivery kinetics: IV. <i>In Vitro</i> - <i>In Vivo</i> correlation,* Prediction of Percutaneous Penetration, Vol. 4b, pp. 71-73, Brian, et al., (eds.) (1996)	
	252.	FELDSTEIN, ET AL., "Effects of chains orientation, free volume and interaction on glass transition in poly( <i>N</i> -vinyl pyrrolidone) - poly(ethylene glycol) blends involving a stoichiometric hydrogen-bonded network complex", Polym. Mater. Sci. Eng., Vol. 82, pp. 365-366, (2000)	
	253.	FELDSTEIN, ET AL., "General approach to the molecular design of hydrophilic pressure-sensitive adhesives," Proc. 25th Ann. Mtg. and 2nd World Congress on Adhesion and Related Phenomena, Orlando, FL, Vol. 1, pp.292-294 (2002)	
	254.	FELDSTEIN, ET AL., "Molecular insight into rheological and diffusion determinants of pressure sensitive adhesion", Proceed. 23rd Annual Meeting Adhesion Soc., pp..54-56, (2000)	
	255.	FELDSTEIN, ET AL., "Peculiarities of glass transition temperature relation to the composition of poly( <i>N</i> -vinyl pyrrolidone) blends with short chain poly(ethylene glycol)", Polymer, Vol. 42, pp. 7719-7726, (2001)	
	256.	FELDSTEIN, ET AL., "Quantitative relationship between molecular structure and adhesion of PVP-PEG hydrogels", Polym. Mater. Sci Eng., Vol. 81, pp. 465-466, (1999)	
	257.	FELDSTEIN, ET AL., "Relation of glass transition temperature to the hydrogen bonding degree and energy in poly( <i>N</i> -vinyl pyrrolidone) blends with hydroxyl-containing plasticizers: 2. Effects of poly(ethylene glycol) chain length", Polymer, Vol. 42, pp.981-990, (2001)	
	258.	FELDSTEIN, ET AL., "Universal hydrophilic drug-containing adhesive matrix for systemic and topical transdermal drug delivery", Proc. 1st World Meeting APGI/APV, Budapest, 9/11, 2 pages, (1995)	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	/Isis Ghali/	DATE CONSIDERED
		12/08/2010

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO-1449 (Modified)  
(Use several sheets if necessary)

<b>COMPLETE IF KNOWN</b>	
Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

Sheet

16

of

17

**OTHER NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	259.	Handbook of Pharmaceutical Excipients, Arther H. Kibbe, ed., 3rd ed., pp. 401-406, (2000)	
	260.	Hawley's Condensed Chemical Dictionary, 14th Edition, Citation, "Oligomer, A polymer molecule of only a few monomer units (dimer, trimer tetramer)", John Wiley and Sons, Inc., (2002)	
	261.	International Search Report for PCT/US2000/18557 mailed 10/17/2000	
	262.	International Search Report for PCT/US2001/21417 mailed 2/25/2002	
	263.	International Search Report for PCT/US2002/13680 mailed 9/18/2002	
	264.	International Search Report for PCT/US2002/14260 Mailed 9/17/2002	
	265.	International Search Report for PCT/US2002/14725 mailed 9/27/2002	
	266.	International Search Report for PCT/US2003/16408 Mailed 12/8/2003	
	267.	KOTOMIN, ET AL., "Squeeze-recoil analysis of adhesive hydrogels and elastomers", Polym. Mater. Sci. Eng., Vol. 81, pp. 425-426, (1999)	
no date	268.	KOTOMIN, ET AL., "Durability and fracture of some viscoelastic adhesives," Proceed. Of The 29th Annual Meeting Of The Adhesion Soc., pp. 410-413, (2000)	
	269.	MSDS (Material Safety Data Sheet), Lactic Acid, No. L0522, (2008)	
	270.	Patent Abstracts of Japan, vol. 017, no. 055 (C-I023) 3 February 1993 (1993-02-03) & JP 04 266818 A (Sekisui Chem Co Ltd), 22 September 1992 (1992-09-22) abstract	
	271.	ROOS, ET AL., "Probe tack investigation of poly(vinyl pyrrolidone)-poly(ethylene glycol) blends", Proceed. 24th Annual Meeting Adhesion Soc., pp. 277-279, (2001)	
	272.	SINTOV, ET AL., "Radiofrequency-driven skin microchannelling as a new way for electrically assisted transdermal delivery of hydrophilic drugs", J. Contr. Release, Vol. 89, pp. 311-320, (2003)	
	273.	VARTAPIAN, ET AL., "Self-diffusion in poly(N-vinyl pyrrolidone)-poly(ethylene glycol) systems", Colloid Polym. Sci., Vol. 279, pp. 532-538, (2001)	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	DATE CONSIDERED
/Isis Ghali/	12/08/2010

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Form PTO-1449 (Modified)  
(Use several sheets if necessary)

**COMPLETE IF KNOWN**

Application Number	10/661,103
Confirmation Number	6566
Filing Date	9/12/2003
First Named Inventor	Parminder Singh
Group Art Unit	1611
Examiner Name	Isis A D Ghali
Attorney Docket No.	68009-8008.US03 (0008.22)

Sheet 17 of 17

**OTHER NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T
	274.	VARTAPIAN, ET AL., "Molecular dynamics in poly( <i>N</i> -vinyl pyrrolidone)-poly(ethylene glycol) blends by pulsed-field gradient NMR method: effects of aging, hydration and PEG chain length", <i>Macromol. Chem. Phys.</i> , Vol. 202, pp. 2648-2652, (2001)	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /I.G./

EXAMINER	/isis Ghali/	DATE CONSIDERED
*EXAMINER:	Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	